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CLAIMS:

What is claimed is:

1. A method for creating an electronic identification
5 document, the method comprising:
 providing an electronic document to a user, wherein
 the electronic document contains input fields for
 personal identification information;
 receiving the user's personal identification
10 information in the input fields of the electronic
 document;
 receiving an electronic signature from the user, and
 attaching the electronic signature to the electronic
 document;
15 adding an electronic certificate to the electronic
 document;
 encrypting the electronic document; and
 uploading the electronic document to a pervasive
 computing device;
20 wherein the electronic document is a legally valid
 form of identification.
2. The method according to claim 1, wherein the
25 electronic document is a passport.
3. The method according to claim 1, wherein the
electronic document contains a unique serial number from
an issuing authority.
- 30 4. The method according to claims 1, wherein the
electronic document contains a digital watermark created
by an issuing authority.

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5. The method according to claim 1, wherein the electronic document contains at least one of the following items of personal information:

- 5 name;
- home address;
- date of birth;
- country of citizenship; and
- social security number.

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6. The method according to claim 1, wherein the pervasive computing device may comprise any of the following:

- personal digital assistant;
- 15 laptop computer;
- mobile phone;
- smart phone; and
- palm pilot.

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7. The method according to claim 1, wherein the electronic document is renewed automatically at set time intervals.

8. A method for verifying the authenticity of an electronic identification document, the method comprising:

- 25 downloading the electronic document from a pervasive computing device;
- decrypting the electronic document;
- 30 validating a digital certificate attached to the electronic document;
- verifying the authenticity of an electronic

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signature attached to the electronic document;
encrypting the electronic document; and
uploading the electronic document back to the
pervasive computing device;

5 wherein the electronic document is a legally valid
form of identification.

9. The method according to claim 8, wherein the
electronic document is a passport.

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10. The method according to claim 8, wherein the
electronic document contains a unique serial number from
an issuing authority.

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11. The method according to claims 8, wherein the
electronic document contains a digital watermark created
by an issuing authority.

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12. The method according to claim 8, wherein the
electronic document contains at least one of the
following items of personal information:

name;

home address;

date of birth;

25

country of citizenship; and

social security number.

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13. The method according to claim 8, further comprising
changing information contained in the electronic
document.

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14. The method according to claim 8, further comprising attaching new information to the electronic document.

15. The method according to claim 14, wherein the
5 information attached to the electronic document is a visa.

16. The method according to claim 8, further comprising attaching a new digital certificate to the electronic
10 document.

17. The method according to claim 8, wherein the electronic document is uploaded via the Bluetooth protocol.

18. The method according to claim 8, wherein the pervasive computing device may comprise any of the following:

20 personal digital assistant;
 laptop computer;
 mobile phone;
 smart phone; and
 palm pilot.

25 19. A method for creating an electronic identification document, the method comprising:

 receiving an electronic document, wherein the electronic document contains input fields for personal identification information;
30 entering personal identification information in the input fields of the electronic document;
 entering an electronic signature, wherein the

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electronic signature is attached to the electronic document; and

downloading the electronic document to a pervasive computing device, wherein the electronic document is

5 encrypted and includes an electronic certificate;

wherein the electronic document is a legally valid form of identification.

20. The method according to claim 19, further
10 comprising:

uploading the electronic document from the pervasive computing device.

21. A computer program product in a computer readable
15 medium for use in a data processing system, for creating an electronic identification document, the computer program product comprising:

instructions for providing an electronic document to a user, wherein the electronic document contains input
20 fields for personal identification information;

instructions for receiving the user's personal identification information in the input fields of the electronic document;

instructions for receiving an electronic signature
25 from the user, and attaching the electronic signature to the electronic document;

instructions for adding an electronic certificate to the electronic document;

instructions for encrypting the electronic document;

30 and

instructions for uploading the electronic document to a pervasive computing device;

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wherein the electronic document is a legally valid form of identification.

22. A computer program product in a computer readable
5 medium for use in a data processing system, for verifying
the authenticity of an electronic identification
document, the computer program product comprising:

instructions for downloading the electronic document
from a pervasive computing device;

10 instructions for decrypting the electronic document;
instructions for validating a digital certificate
attached to the electronic document;

instructions for verifying the authenticity of an
electronic signature attached to the electronic document;

15 instructions for encrypting the electronic document;
and

instructions for uploading the electronic document
back to the pervasive computing device;

20 instructions for wherein the electronic document is
a legally valid form of identification.

23. A computer program product in a computer readable
medium for use in a data processing system, for creating
an electronic identification document, the computer

25 program product comprising:

instructions for receiving an electronic document,
wherein the electronic document contains input fields for
personal identification information;

30 instructions for entering personal identification
information in the input fields of the electronic
document;

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instructions for entering an electronic signature,
wherein the electronic signature is attached to the
electronic document; and

instructions for downloading the electronic document
5 to a pervasive computing device, wherein the electronic
document is encrypted and includes an electronic
certificate;

wherein the electronic document is a legally valid
form of identification.

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24. A system for creating an electronic identification
document, the system comprising:

a first communication component which provides an
electronic document to a user, wherein the electronic
15 document contains input fields for personal
identification information;

a first receiving component which receives the
user's personal identification information in the input
fields of the electronic document;

20 a second receiving component which receives an
electronic signature from the user, and attaching the
electronic signature to the electronic document;

a register which adds an electronic certificate to
the electronic document;

25 an encrypting component which encrypts the
electronic document; and

a second communication component which uploads the
electronic document to a pervasive computing device;

30 wherein the electronic document is a legally valid
form of identification.

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25. A system for verifying the authenticity of an electronic identification document, the method comprising:

- 5 a first communication component which downloads the electronic document from a pervasive computing device;
- a decrypting component which decrypts the electronic document;
- a validation component which validates a digital certificate attached to the electronic document;
- 10 a verification component which verifies the authenticity of an electronic signature attached to the electronic document;
- an encrypting component which encrypts the electronic document; and
- 15 a second communication component which uploads the electronic document back to the pervasive computing device;
- wherein the electronic document is a legally valid form of identification.

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26. A system for creating an electronic identification document, the system comprising:

- a receiving mechanism which receives an electronic document, wherein the electronic document contains input
- 25 fields for personal identification information;
- a first input component which enters personal identification information in the input fields of the electronic document;
- a second input component which enters an electronic
- 30 signature, wherein the electronic signature is attached to the electronic document; and

5 wherein the electronic document is a legally valid
form of identification.